Claims

1. A method of producing a halogenated unsaturated carbonyl compound represented by the formula (III)

wherein R¹, R², R³, R⁴, R⁵ and R⁶ each independently represents a hydrogen atom, a saturated hydrocarbon group optionally having substituent(s), an aryl group optionally having substituent(s), an alkenyl group or an aralkyl group, R⁸

represents a saturated hydrocarbon group optionally having substituent(s), an aryl group optionally having substituent(s) or an aralkyl group, X represents a halogen atom, and n represents 1 or 2,

which comprises reacting an alkoxy-cyclic ether represented by

the formula (I)

$$R^{8}O \xrightarrow{R^{2}OR^{8}} R^{3}R^{4}$$
 $R^{7}O \xrightarrow{R^{1}O} R^{5}$
 $R^{1}O \xrightarrow{R^{6}} R^{5}$
(I)

wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁸ and n represent as defined above, and R⁷ represents a saturated hydrocarbon group optionally having substituent(s), an aryl group optionally having substituent(s) or an aralkyl group, with an acid halide represented by the formula (II)

wherein R⁹ represents a saturated hydrocarbon group, an aryl group, an aralkyl group optionally having substituent(s) or a hydrocarbonoxy group, and X represents as defined above.